		Attorney Docket:	Serial No.:
		4024-4008	09/896,797
		Applicant: John Trezza	
Filing Date: June 29, 2001	Group Art Unit: 2872		

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
<i>A</i>	4,533,833		Copeland et al.			August 6, 1985
<i>B</i>	5,266,794		Olbright et al.			November 30, 1993
<i>B</i>	5,269,453		Melton et al.			December 14, 1993
<i>B</i>	5,385,632		Goossen	RECEIVED		January 31, 1995
<i>B</i>	5,477,933		Nguyen	SEP 3 0 2002		December 26, 1995
<i>B</i>	5,793,789		Ben-Michael et al.	Technology Center 2600		April 11, 1998
<i>B</i>	5,814,889		Gaul			September 29, 1998
<i>B</i>	6,005,262		Cunningham			December 21, 1999
<i>B</i>	6,048,751		D'Asaro et al.			April 11, 2000
<i>B</i>	6,172,417		Goossen			September 1995
<i>B</i>	6,184,066		Chino			February 6, 2001
<i>B</i>	6,215,114		Yagi et al.			April 10, 2001
<i>B</i>	6,253,986		Brofman			July 3, 2001
<i>B</i>	6,283,359		Brofman			September 4, 2001
<i>B</i>	6,340,113		Avery et al.			January 22, 2002
<i>B</i>	6,343,171		Yoshimura et al.			January 29, 2002
<i>B</i>	Pub. No. US2001 /00207939		Honda			September 13, 2001
<i>B</i>	Pub. No. US2001 0038103		Nitta et al			November 8, 2001

Examiner <i>Kelly</i>	Date Considered <i>4/12/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

O P E FORM PTO-1449 INFORMATION DISCLOSURE CITATION		Attorney Docket: 4024-4008	Serial No.: 09/896,797
		Applicant: John Trezza	
		Filing Date: June 29, 2001	Group Art Unit: 2872

	Pub. No. US2001 0081773		Inoue et al.	RECEIVED SFP 30 2002	June 27, 2002
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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
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						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS (continued)

<i>[Signature]</i>	Ahadian, J.F., et al., "Practical OEIC's Based on the Monolithic Integration of GaAs-InGap LED's with Commercial GaAs VLSI Electronics", IEEE Journal of Quantum Electronics, Vol. 34, No. 7, pages 1117-1123, July 1998.
<i>[Signature]</i>	Alduino, A.C. et al., "Quasi-Planar Monolithic Integration of High-Speed VCSEL and Resonant Enhanced Photodetector Arrays", IEEE Photonics Technology Letters, Vol. 11, No. 5, pages 512-514, May 1999.
<i>[Signature]</i>	Anderson, B., "Rapid Processing And Properties Evaluation Of Flip-Chip Underfills", Dexter Electronic Materials, 9 pages.
<i>[Signature]</i>	Corbett, B. et al., "Resonant Cavity Light Emitting Diode and Detector Using Epitaxial Lift-off", IEEE, Vol. 5, No. 9, pages 1041-1043, September 1993.
<i>[Signature]</i>	Geib, K.M. et al., "Monolithically Integrated VCSELs and Photodetectors for Microsystem Applications", IEEE, pages 27-28, 1998.
<i>[Signature]</i>	Goodman, J. et al., "Optical Interconnections for VLSI Systems", Proceedings of the IEEE, Vol. 72, No. 7, pages 850-865, July 1984.
<i>[Signature]</i>	Goossen, K. W. et al., "GaAs 850 nm Modulators Solder-Bonded to Silicon", IEEE Photonics Technology Letters, Vol. 5, No. 7, July 1993.
<i>[Signature]</i>	Goossen, K.W. et al., "GaAs MQW Modulators Integrated with Silicon CMOS", IEEE Photonics Technology Letters, Vol. 7, No. 4, pages 360-362, April 1995.
<i>[Signature]</i>	Hibbs-Brenner, M.K., et al., "VCSEL/MSM Detector Smart Pixel Arrays", IEEE, pages 3 and 4, 1998.
<i>[Signature]</i>	Lesser, M.P. et al., "Bump Bonded Back Illuminated CCDs", SPIE, Vol. 1656, pages 508-516, 1992.

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		Applicant: John Trezza	
		Filing Date: June 29, 2001	Group Art Unit: 2872

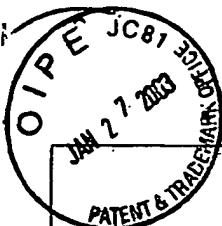
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<i>B</i>	McLaren T. et al., "Assembly of VCSEL Based Smart Pixel Arrays", IEEE/LEOS Summer Topical Meeting: Smart Pixels, pages 49 and 50, August 1996.
<i>B</i>	Nakahara, T., et al., "Hybrid Integration of Smart Pixels by Using Polyimide Bonding: Demonstration of a GaAs p-i-n Photodiode/CMOS Receiver", IEEE Journal Of Selected Topics In Quantum Electronics, pages 209-216, 1999.
<i>B</i>	Ohsaki, T., "Electronic Packaging in the 1990's -A Perspective From Asia", IEEE Transactions On Components, Hybrids, And Manufacturing Technology, Vol. 14, No. 2, pages 254-261, June 1991.
<i>B</i>	Pommerenig, D.H. et al., "Hybrid silicon focal plane development: an update", SPIE, Vol. 267, pages 23-30, 1981.
<i>B</i>	Pu, R. et al., "Comparison of Techniques for Bonding VCSELs Directly to ICs", SPIE Vol. 3490, pages 498-501, June 2005.
<i>B</i>	Pu, R. et al., "Hybrid Integration of VCSELs to Foundry Fabricated Smart Pixels", IEEE/LEOS Spring Meetings, pages 25 and 26, 1997.
<i>B</i>	Sasaki, J. et al., "Self-aligned Assembly Technology for Optical Devices Using AuSn Solder Bumps Flip-Chip Bonding", pages 260-261.
Examiner <i>Bell</i>	Date Considered 4/12/05
EXAMINER:	Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:	Serial No.
4024-4008	09/896,797

Applicant(s)
John Trezza

Filing Date:	Group Art Unit:
June 29, 2001	2872

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
B	5,521,734	May 28, 1996	Frigo			December 30, 1994
B	5,861,968	January 19, 1999	Kerklaan et al.			September 5, 1996
B	5,909,294	June 1, 1999	Doerr et al.			May 16, 1997
B	5,912,997	June 15, 1999	Bischel et al.			June 16, 1997
B	5,946,130	August 31, 1999	Rice			October 3, 1997
B	5,991,479	November 23, 1999	Kleinerman			October 23, 1997
B	6,118,908	September 12, 2000	Bischel et al.			June 15, 1999
B	6,136,623	October 24, 2000	Hofstetter et al.			May 6, 1998
B	Publication No. US 2001/0030782 A1	Publication Date: October 18, 2001	Trezza			December 8, 2000
B	6,317,235	November 13, 2001	Hamilton			August 28, 1998
B	Publication No.: US 2002/0051268 A1	May 2, 2002	Tonehira et al.			February 19, 2001

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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation

OTHER DOCUMENTS (continued)

B	International Search Report dated November 12, 2002
B	International Search Report dated December 13, 2002
B	International Search Report dated December 17, 2002

Examiner	Date Considered
<i>4/12/05</i>	

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 Draw line through citation if not in conformance and not considered.
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FORM TO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:	4024-4008	Serial No.:	09/896,797
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Applicant:	John Trezza
Filing Date:	June 29, 2001
Group Art Unit:	2872

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
B	6,404,542	June 11, 2002	Ziari et al.			July 10, 2000
B	Publication No. US 2002/0168139 A1	November 14, 2002	Clarkson et al.			March 29, 2002

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation

OTHER DOCUMENTS

B	International Search Report dated January 30, 2003

Examiner	Date Considered
A. Bellis 4/12/05	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:	4024-4008	Serial No.:	09/896,797
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Applicant:	John Trezza
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Filing Date:	June 29, 2001	Group Art Unit:	2872
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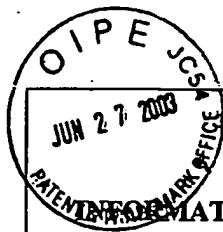
Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
B	5,299,222	March 29, 1994	Shannon			March 11, 1992
B	5,485,480	January 16, 1996	Kleinerman			March 25, 1994
B	5,499,313	March 12, 1996	Kleinerman			September 13, 1994
B	5,511,085	April 23, 1996	Marshall			September 2, 1994
B	5,602,863	February 11, 1997	Itagaki			July 19, 1994
B	5,637,885	June 10, 1997	Heinemann et al.			April 7, 1995
B	5,715,270	February 3, 1998	Zediker et al.			September 27, 1996
B	Publication No. US-2002/0154355 A1	October 2002	Payne et al.			August 16, 2001

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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
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OTHER DOCUMENTS

Examiner	Date Considered
<i>A. Seltz</i>	<i>4/12/05</i>
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FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
4024-4008
Serial No.:
09/896,797

Applicant:
John Trezza

Filing Date:
June 29, 2001
Group Art Unit:
2872

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
B	5,843,799	December 1, 1998	Hsu et al.			January 13, 1997

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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation

OTHER DOCUMENTS

B	Copy of Written Opinion for PCT/US02/20012

Examiner	<i>Bell</i>	Date Considered	<i>4/12/05</i>
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PERFORMANCE DISCLOSURE CITATION

Attorney Docket:	Serial No.:
4024-4008	09/896,797

Applicant:
John Trezza

Filing Date:	Group Art Unit:
June 29, 2001	2872

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
B	4,341,438	July 27, 1982	Seki et al.			May 28, 1980
B	5,877,519	March 2, 1999	Jewell			March 26, 1997
B	5,946,545	August 31, 1999	Bertin et al.			October 2, 1997
B	5,764,405	June 9, 1998	Alphonsus			October 10, 1996

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Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
B	EP 1022 869 A1	July 26, 2000	Europe			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
B	EP 0 762 677 A2	March 12, 1997	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS

B	Supplementary European Search Report for EP 02 73 9971 dated June 25, 2004 (3 pages)

Examiner	<i>K. Bell</i>	Date Considered	<i>9/12/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			



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INFORMATION DISCLOSURE CITATION

Attorney Docket:	Serial No.:
4024-4008	09/896,797

Applicant:
John Trezza

Filing Date:	Group Art Unit:
June 29, 2001	2872

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
B	4,481,403	November 6, 1984	Del Monte			March 4, 1983
B	6,438,150	August 20, 2002	Yoo			March 9, 1999
B	6,532,101	March 11, 2003	Islam et al.			March 16, 2001
B	6,553,044	April 22, 2003	Eden			October 20, 1998

FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation

Yes No

OTHER DOCUMENTS

Examiner	<i>Apollo</i>	Date Considered	<i>4/12/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			